

## Patent Abstracts of Japan

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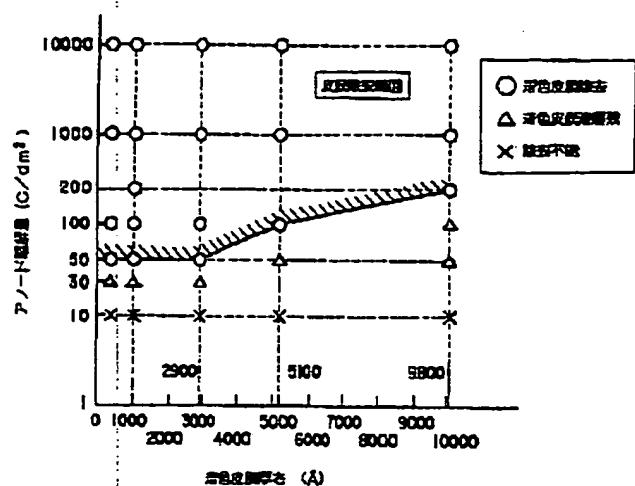
APPLICATION DATE : 18-10-96  
 APPLICATION NUMBER : 08276525

APPLICANT : NIPPON STEEL CORP;

INVENTOR : TAKAHASHI AKIHIKO;

INT.CL. : C25F 1/00

TITLE : METHOD FOR REMOVING COLORED FILM OF STAINLESS STEEL



ABSTRACT : PROBLEM TO BE SOLVED: To provide a method for removing the colored film of stainless steel hardly causing surface damage.

SOLUTION: The colored film is anodically dissolved and cathodically reduced in an aq. soln. 0.5wt.% to solubility sodium hydroxide or potassium hydroxide or their mixture and kept at 30-100°C at  $\geq 50\text{C}/\text{dm}^2$  electrolytic condition and 10-1000A/dm<sup>2</sup> current density. The film is more efficiently removed by using an aq. soln. contg. 1-50g/l wheat flour in the cathodic reduction.

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